Appl. No. 09/914,516
Docket No. Q65149
Amdt. Dated 9/25/03
Reply to Office action of 8/25/03
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## Increase of Remanent Induction by Yb-Infiltration

Before Infiltration Bmax = 820 mT

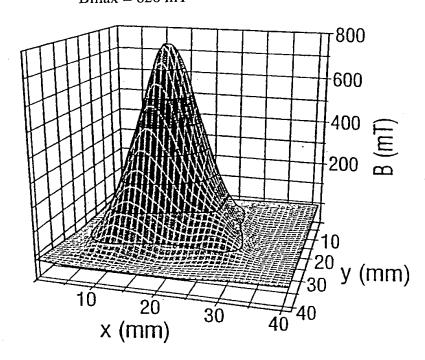
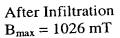


Figure 1



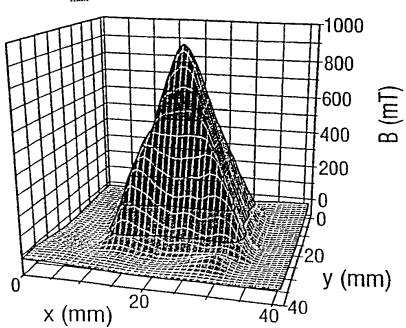
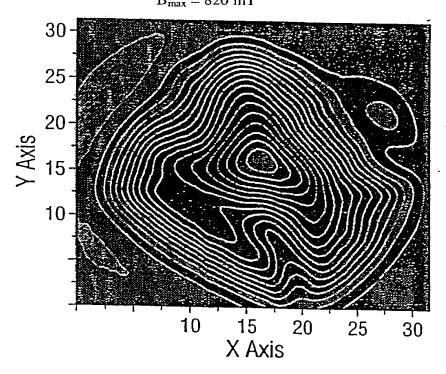


Figure 2

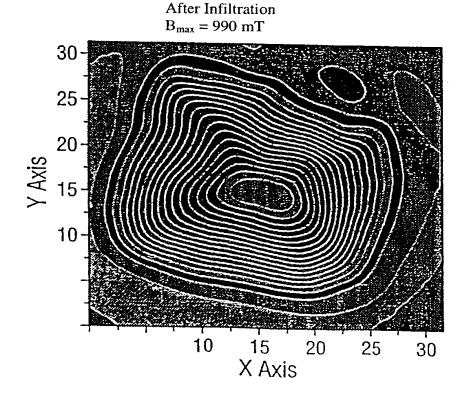


Before Infiltration  $B_{max} = 820 \text{ mT}$ 



755.0 - 800.0 710.0 - 755.0 665.0 - 710.0 620.0 - 665.0 575.0 - 620.0 530.0 - 575.0 485.0 - 530.0 440.0 - 485.0 395.0 - 440.0 350.0 - 395.0 260.0 - 305.0 215.0 - 260.0 170.0 - 215.0 125.0 - 170.0 80.00 - 125.0 35.00 - 80.00 -10.00 - 35.00 -55.00 - -10.00

Figure 3



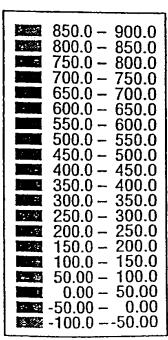


Figure 4



## $B_{z,max} = 1226 \text{ mT}$



